

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036260.D
 Acq On : 04 Feb 2025 14:32
 Operator : RC/JU
 Sample : Q1224-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6303

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 07:41:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	3133	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	7537	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.419	164	4219	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.163	188	8287	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.354	240	7190	0.400	ng/ul	# 0.00
23) Perylene-d12	23.639	264	7469m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	7195	2.098	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152	1732	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	3087	0.156	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.141	152	473	0.024	ng/ul#	73
15) Phenanthrene	17.205	178	12069	0.497	ng/ul	99
16) Anthracene	17.298	178	1382	0.061	ng/ul#	88
19) Fluoranthene	19.226	202	39040	1.429	ng/ul	98
20) Pyrene	19.588	202	29167	1.023	ng/ul	96
21) Benzo(a)anthracene	21.336	228	12984	0.506	ng/ul	98
22) Chrysene	21.389	228	17798	0.679	ng/ul	98
24) Benzo(b)fluoranthene	22.952	252	24690m	0.991	ng/ul	
25) Benzo(k)fluoranthene	22.993	252	8857m	0.338	ng/ul	
26) Benzo(a)pyrene	23.540	252	9601	0.426	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.964	276	9018	0.303	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.974	278	2534	0.110	ng/ul#	55
29) Benzo(g,h,i)perylene	26.675	276	1369	0.059	ng/ul#	59

(#) = qualifier out of range (m) = manual integration (+) = signals summed

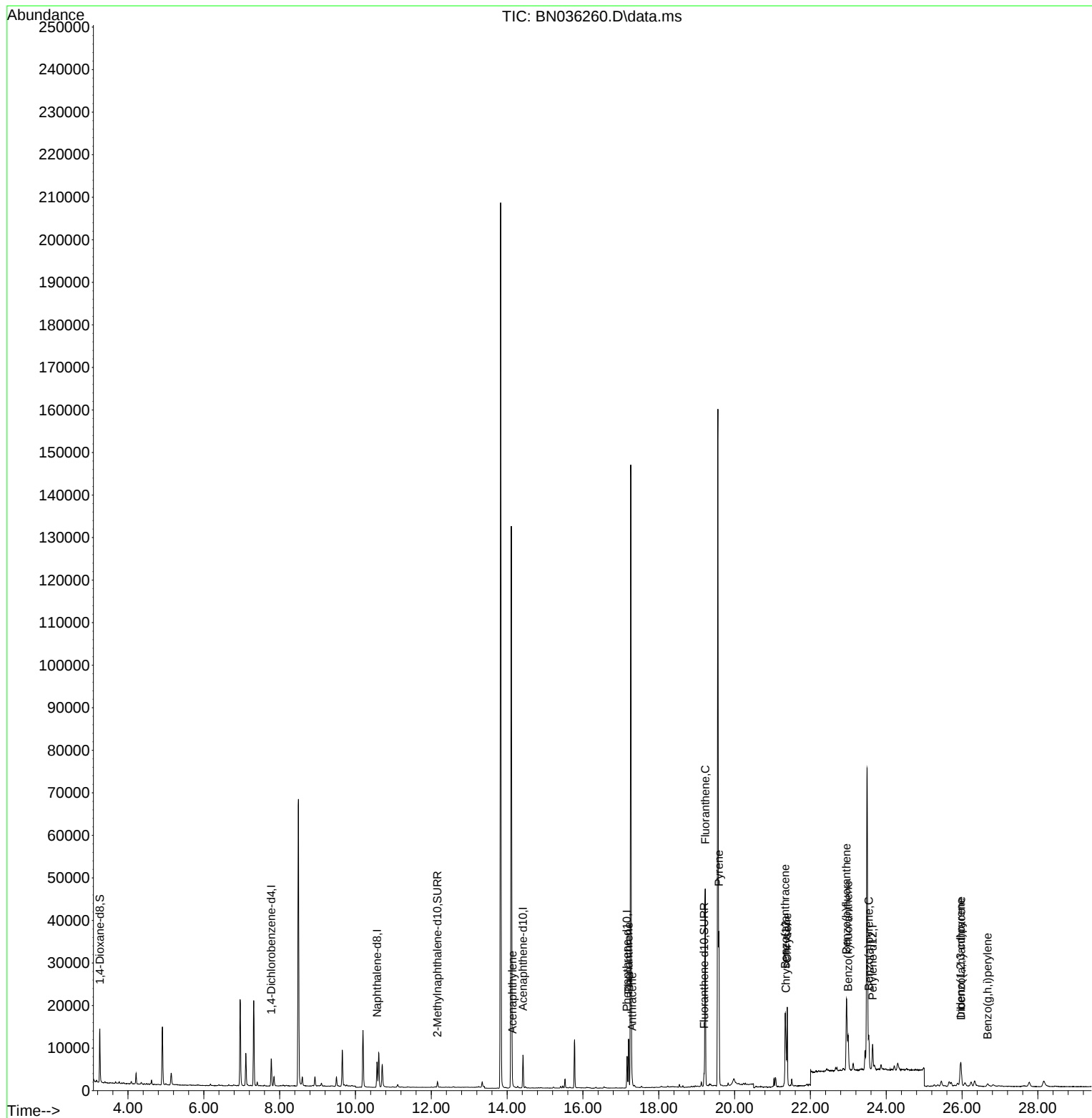
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036260.D
Acq On : 04 Feb 2025 14:32
Operator : RC/JU
Sample : Q1224-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

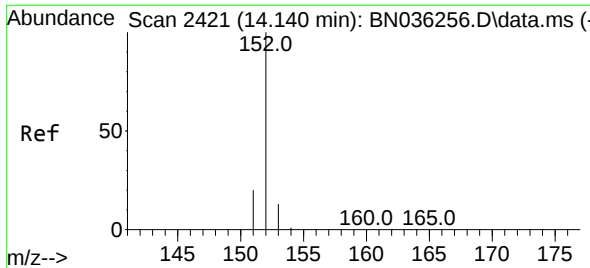
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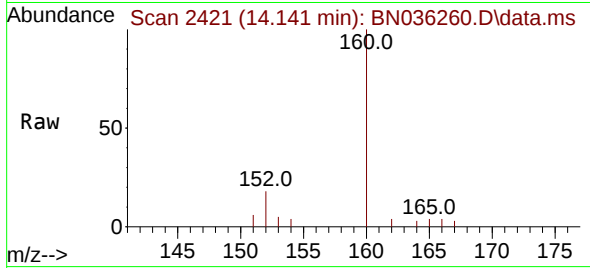
Quant Time: Feb 05 07:41:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. -0.004 min
Lab File: BN036260.D
Acq: 04 Feb 2025 14:32

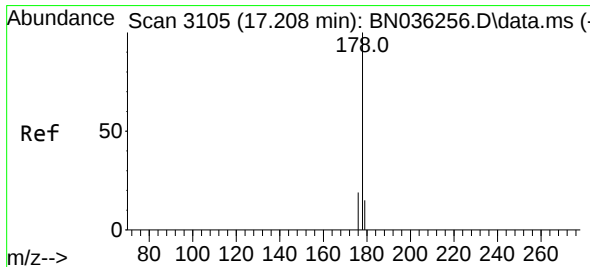
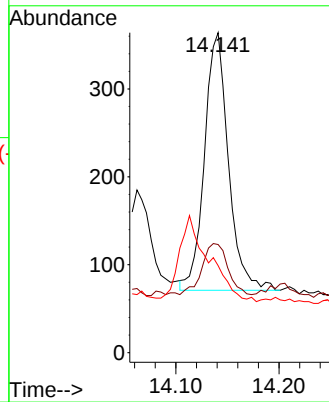
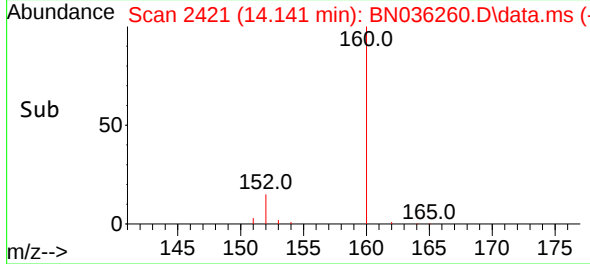
Instrument :
BNA_N
ClientSampleId :
A6303



Tgt Ion:152 Resp: 47
Ion Ratio Lower Upper
152 100
151 33.8 17.4 26.2
153 27.2 11.9 17.9

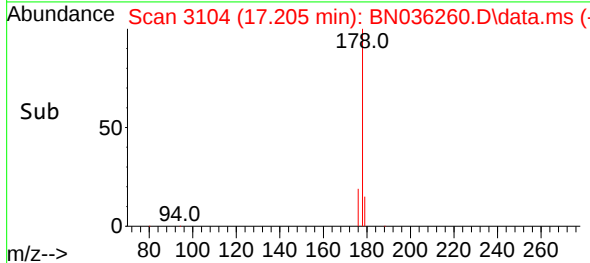
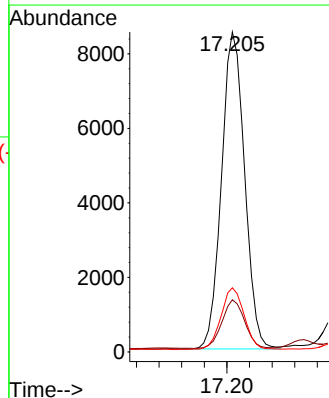
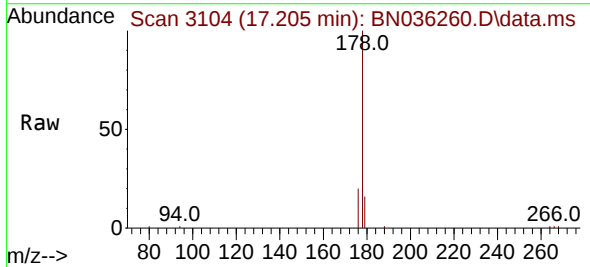
Manual Integrations
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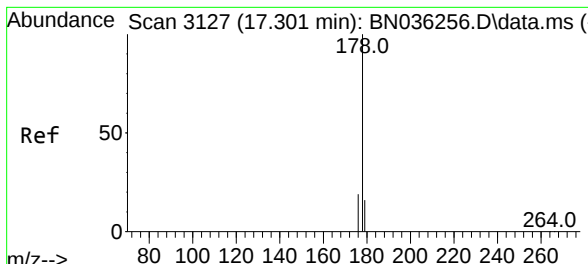
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#15
Phenanthrene
Concen: 0.497 ng/ul
RT: 17.205 min Scan# 3104
Delta R.T. -0.007 min
Lab File: BN036260.D
Acq: 04 Feb 2025 14:32

Tgt Ion:178 Resp: 12069
Ion Ratio Lower Upper
178 100
179 16.3 13.2 19.8
176 20.1 16.8 25.2



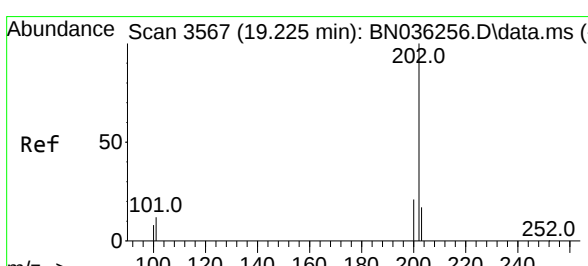
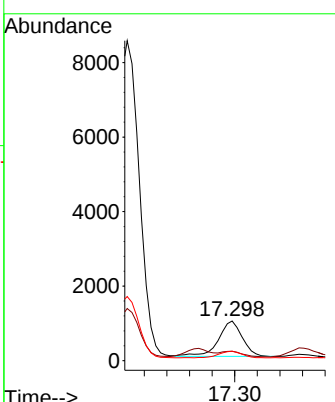
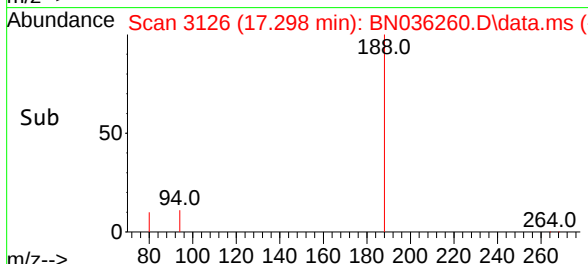
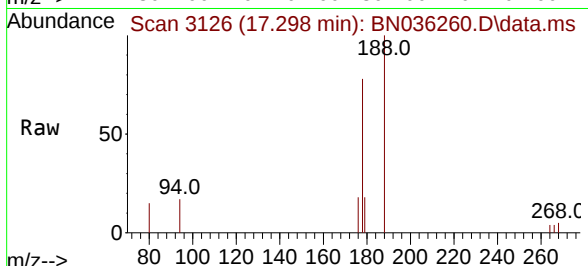


#16
 Anthracene
 Concen: 0.061 ng/ul
 RT: 17.298 min Scan# 3127
 Delta R.T. -0.007 min
 Lab File: BN036260.D
 Acq: 04 Feb 2025 14:32

Instrument : BNA_N
 ClientSampleId : A6303

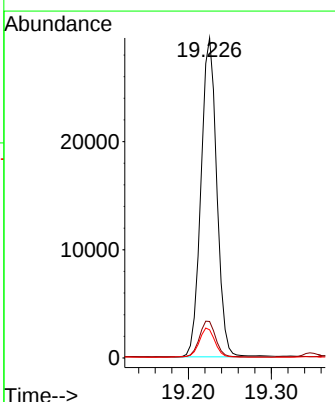
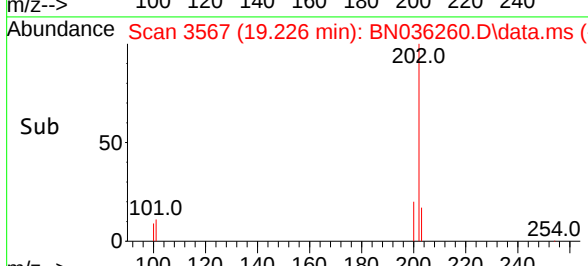
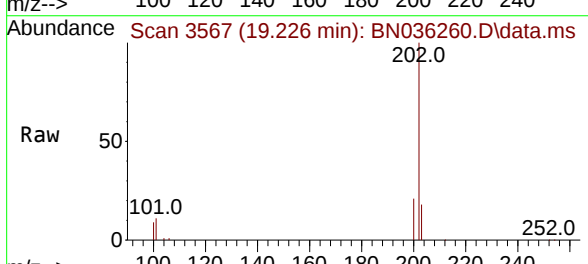
Tgt Ion:	178	Resp:	138
Ion Ratio	Lower	Upper	
178	100		
179	23.7	13.0	19.4
176	23.5	15.9	23.9

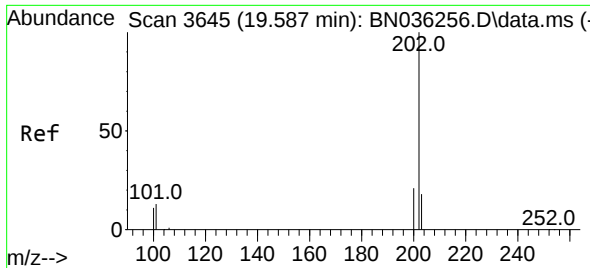
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#19
 Fluoranthene
 Concen: 1.429 ng/ul
 RT: 19.226 min Scan# 3567
 Delta R.T. -0.008 min
 Lab File: BN036260.D
 Acq: 04 Feb 2025 14:32

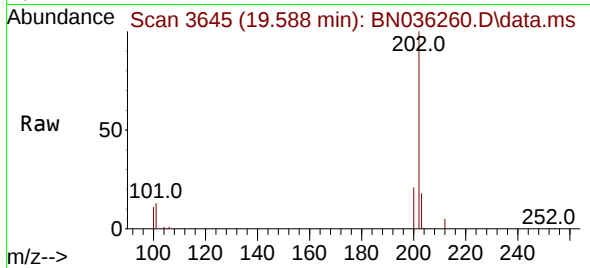
Tgt Ion:	202	Resp:	39040
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.4	12.6
100	8.8	6.5	9.7





#20
Pyrene
Concen: 1.023 ng/ul
RT: 19.588 min Scan# 3645
Delta R.T. -0.008 min
Lab File: BN036260.D
Acq: 04 Feb 2025 14:32

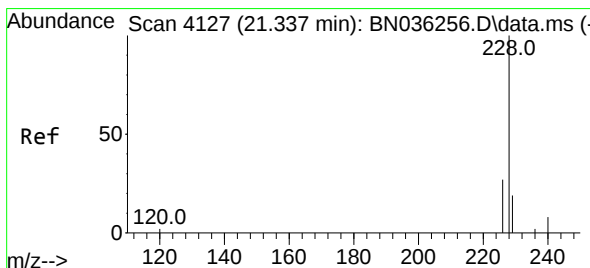
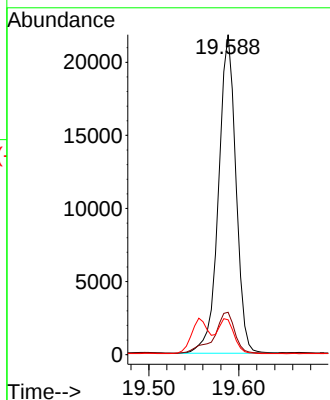
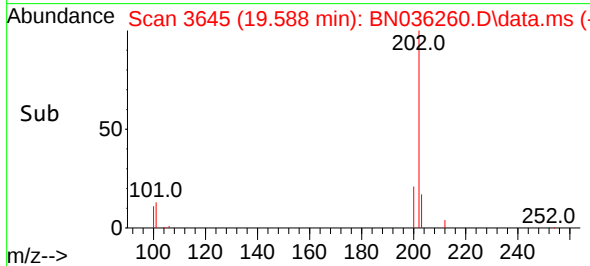
Instrument :
BNA_N
ClientSampleId :
A6303



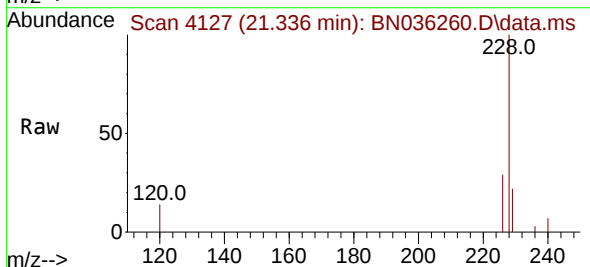
Tgt Ion:202 Resp: 2916
Ion Ratio Lower Upper
202 100
101 13.2 9.3 13.9
100 10.9 7.5 11.3

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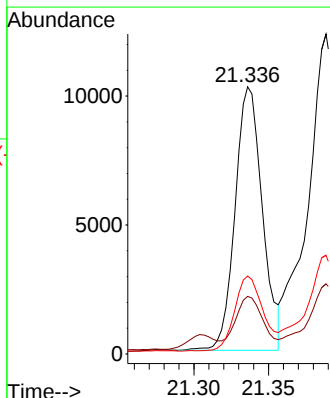
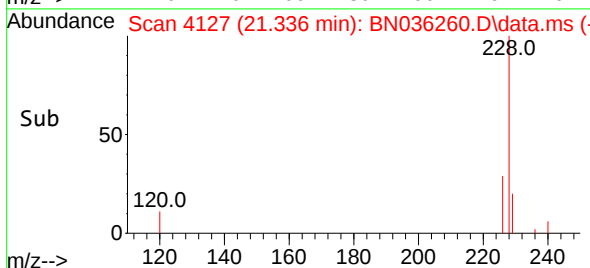
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

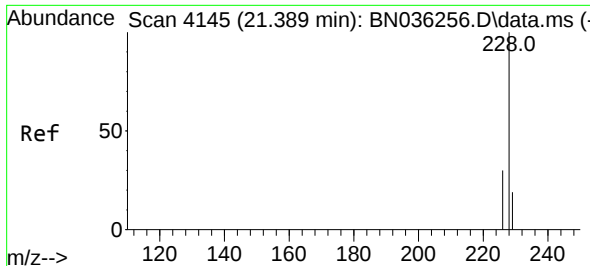


#21
Benzo(a)anthracene
Concen: 0.506 ng/ul
RT: 21.336 min Scan# 4127
Delta R.T. -0.009 min
Lab File: BN036260.D
Acq: 04 Feb 2025 14:32



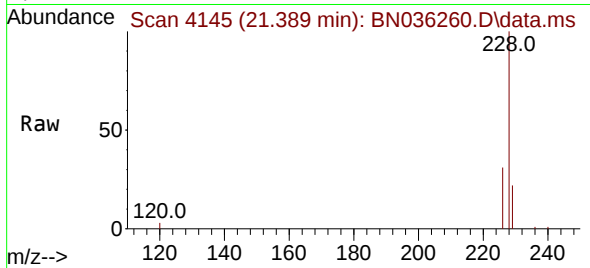
Tgt Ion:228 Resp: 12984
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 29.2 22.8 34.2





#22
Chrysene
Concen: 0.679 ng/ul
RT: 21.389 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BN036260.D
Acq: 04 Feb 2025 14:32

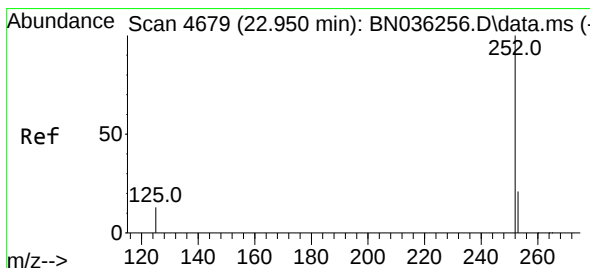
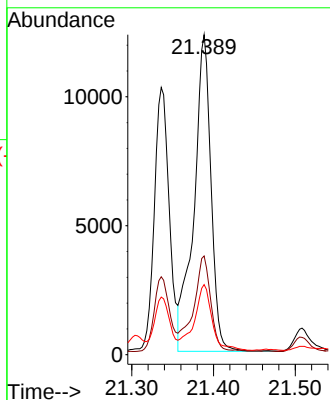
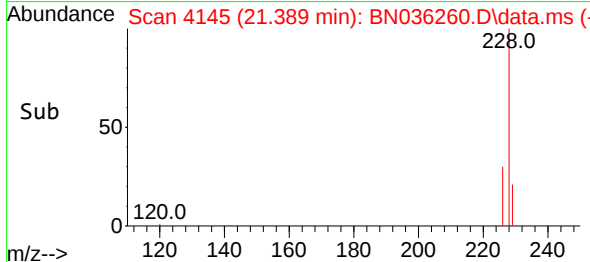
Instrument :
BNA_N
ClientSampleId :
A6303



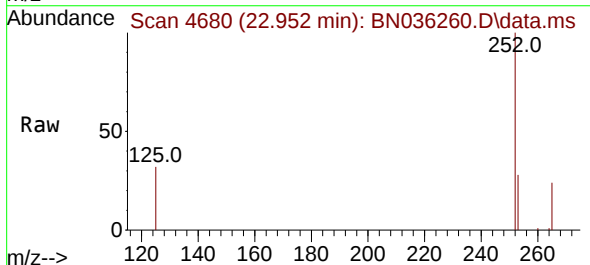
Tgt Ion:228 Resp: 17798
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 21.9 15.9 23.9

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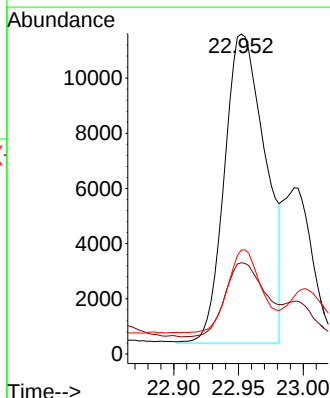
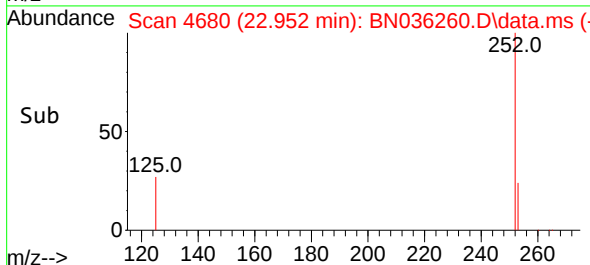
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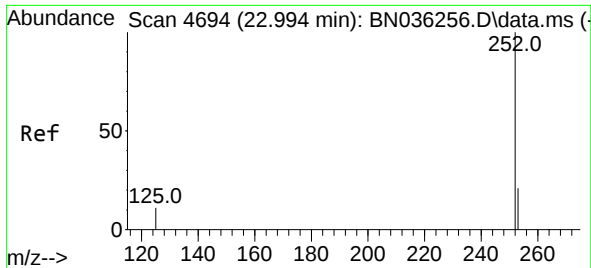


#24
Benzo(b)fluoranthene
Concen: 0.991 ng/ul m
RT: 22.952 min Scan# 4680
Delta R.T. -0.010 min
Lab File: BN036260.D
Acq: 04 Feb 2025 14:32



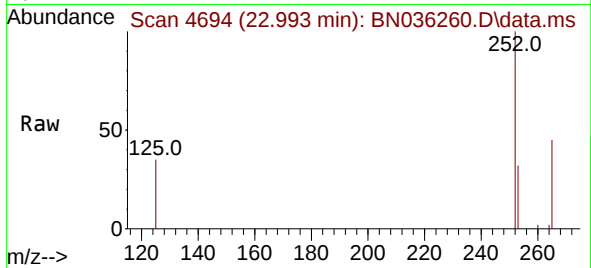
Tgt Ion:252 Resp: 24690
Ion Ratio Lower Upper
252 100
253 28.5 0.0 51.2
125 32.5 0.0 27.8#





#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul m
RT: 22.993 min Scan# 4694
Delta R.T. -0.015 min
Lab File: BN036260.D
Acq: 04 Feb 2025 14:32

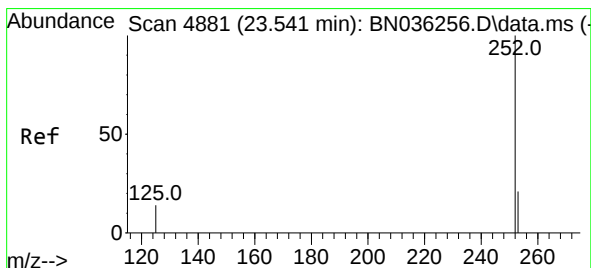
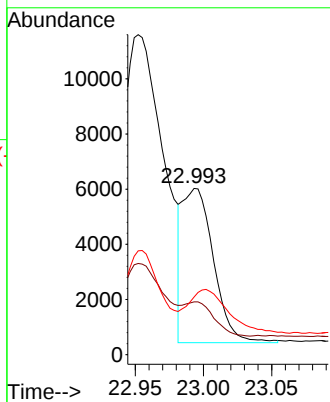
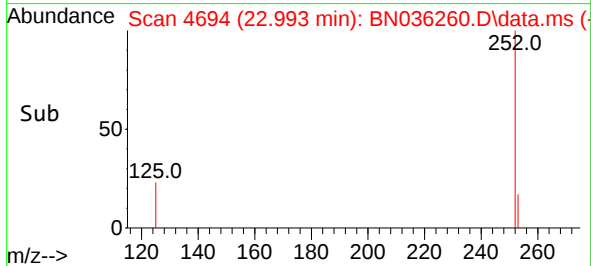
Instrument :
BNA_N
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A6303



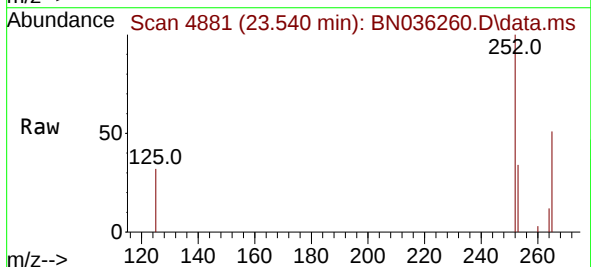
Tgt Ion:252 Resp: 885
Ion Ratio Lower Upper
252 100
253 31.8 20.2 30.4#
125 34.6 10.6 16.0#

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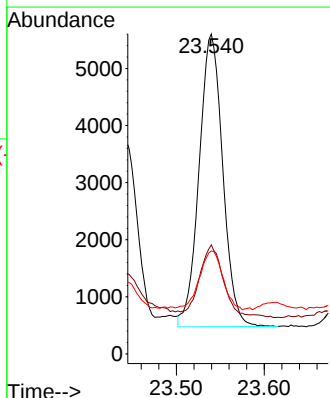
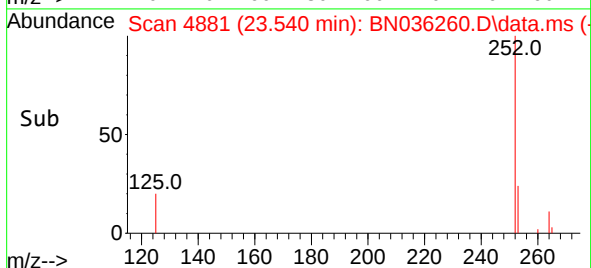
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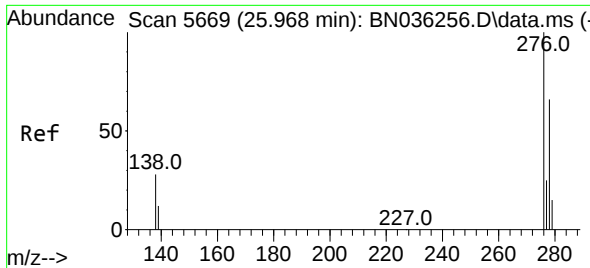


#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.540 min Scan# 4881
Delta R.T. -0.015 min
Lab File: BN036260.D
Acq: 04 Feb 2025 14:32



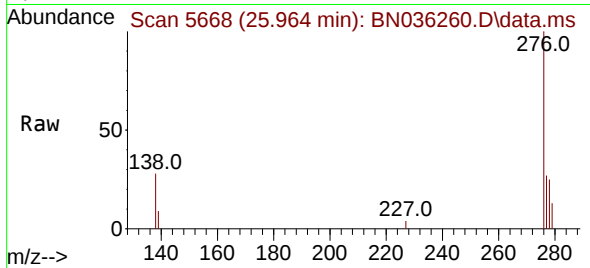
Tgt Ion:252 Resp: 9601
Ion Ratio Lower Upper
252 100
253 34.1 22.2 33.4#
125 32.2 13.1 19.7#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.303 ng/ul
 RT: 25.964 min Scan# 5668
 Delta R.T. -0.024 min
 Lab File: BN036260.D
 Acq: 04 Feb 2025 14:32

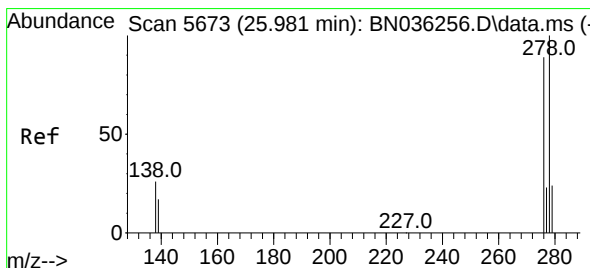
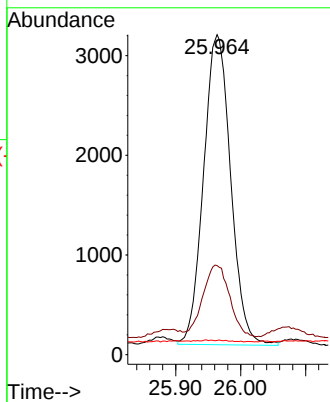
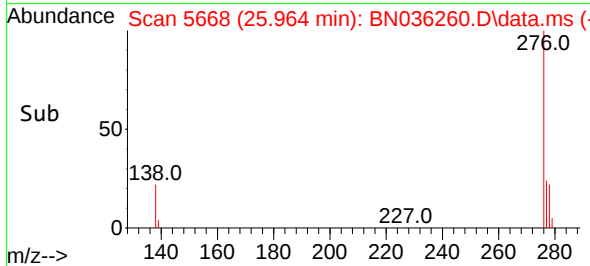
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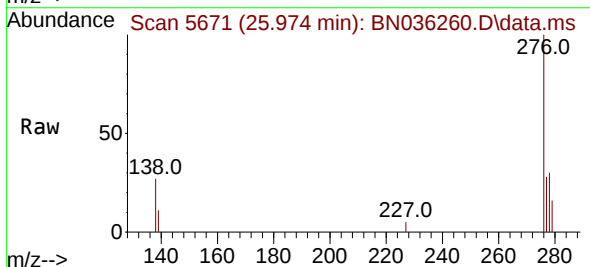
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 Ion Ratio Lower Upper
 276 100
 138 23.7 20.2 30.4
 227 0.2 0.1 0.1

Manual Integrations
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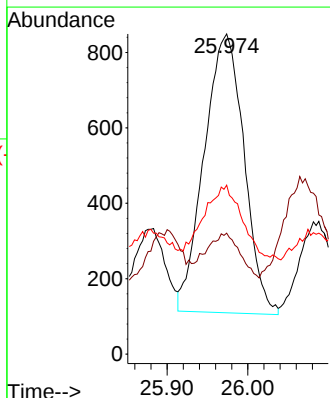
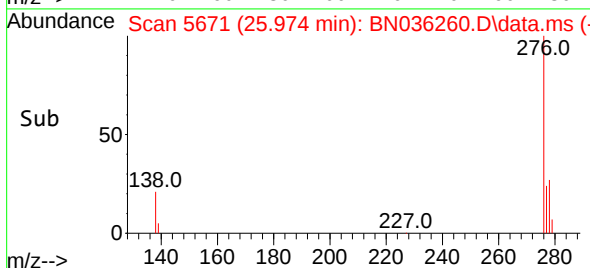
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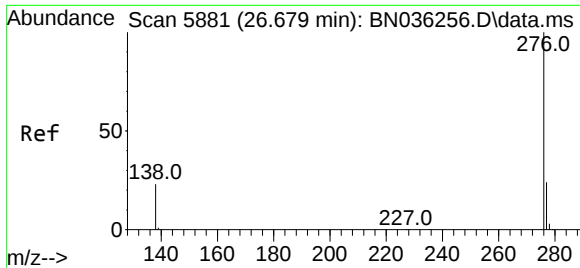


#28
 Dibenzo(a,h)anthracene
 Concen: 0.110 ng/ul
 RT: 25.974 min Scan# 5671
 Delta R.T. -0.024 min
 Lab File: BN036260.D
 Acq: 04 Feb 2025 14:32



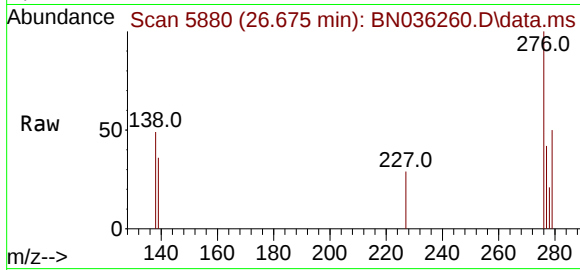
Tgt Ion:278 Resp: 2534
 Ion Ratio Lower Upper
 278 100
 139 37.8 15.4 23.2#
 279 52.8 22.2 33.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.059 ng/ul
 RT: 26.675 min Scan# 5881
 Delta R.T. -0.028 min
 Lab File: BN036260.D
 Acq: 04 Feb 2025 14:32

Instrument :
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Tgt Ion: 276 Resp: 1369

Ion	Ratio	Lower	Upper
276	100		
138	49.4	19.4	29.0
277	42.4	21.1	31.7

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